

Application/Control Number : 10/627,635

Art Unit: 2632

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Amendments to the Specification

Please replace the Abstract with the following new Abstract:

A device for detecting the presence of a transponder in its vicinity is provided, which comprises an antenna, a pulse generation unit, a unit adapted to feed the antenna with the pulses and a unit for measuring the damped oscillations of the antenna as a consequence of being fed with the pulses, the unit for measuring the damped oscillations of the antenna determining whether a transponder is present or not in the vicinity of the antenna on the basis of the characteristics of the damped oscillations.